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PTO/SB/05 (4/98)  
 Approved for use through 09/30/2000. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 6794.US.O1

First Inventor or Application Identifier Paul F. Coleman

Title See 1 in Addendum

Express Mail Label No. EL 507386260 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
 (Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages 30] 1  
 (preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 1

4. Oath or Declaration [Total Pages 3] 1

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
 (for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)  
 Signed statement attached deleting  
 inventor(s) named in the prior application,  
 see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
 FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
 IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
 (if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney  
 (when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
 (Should be specifically itemized)
13. ☐ \* Small Entity Statement filed in prior application  
 Statement(s) ☐ Status still proper and desired  
 (PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)  
 (if foreign priority is claimed)
15. ☐ Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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Name	Steven F. Weinstock			
	Abbott Laboratories			
Address	Department 377 / AP6D-2			
	100 Abbott Park Road			
City	Abbott Park	State	IL	Zip Code 60064-6050
Country	USA	Telephone	(847) 935-1729	Fax (847) 938-2623

Name (Print/Type)	Cheryl L. Becker	Registration No. (Attorney/Agent)	35,441
Signature	Cheryl L. Becker	Date	3/30/01

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03/30/01

jc961 U.S. PTO

jc925 U.S. PTO

09/821877

03/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Paul F. Coleman, et al.

Filed: March 30, 2001

Serial No.: (Not assigned yet)

Group No.: (Not assigned yet)

Examiner: (Not assigned yet)

Title: **A HEPATITIS B VIRUS SURFACE ANTIGEN MUTANT AND  
METHODS OF DETECTION THEREOF**

**Box Patent Application**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EL 507386260 US

Date of Deposit: March 30, 2001

I hereby state that the following attached papers or fees:

Utility Patent Application Transmittal (1 page), in duplicate

Fee Transmittal (1 page), in duplicate

Specification (25 pages); Claims (4 pages); Abstract (1 page); **Total: 30 Pages**

Informal Drawings (6 pages)

Executed Declaration (3 pages)

One Return-Receipt Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Marilyn Irizarry

  
Signature of Person Mailing Paper and/or Fee